

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2018
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,966	--	--	12,866	-17,769	-4,139	1,553	17,372	--	0	23,725
Hydrocarbon Gas Liquids	13,480	-9	22	419	-12,224	--	-600	699	81	1,508	4,140
Natural Gas Liquids	13,480	-9	3	419	-12,224	--	-665	699	81	1,554	4,073
Ethane	4,324	--	--	--	--	--	32	--	--	-150	561
Propane	4,631	--	196	330	-3,892	--	-94	--	--	1,359	1,463
Normal Butane	1,873	--	-207	80	-1,536	--	-603	298	1	514	1,448
Isobutane	773	--	14	9	-855	--	24	193	--	-276	264
Natural Gasoline	1,879	-9	--	--	-1,499	--	-24	208	80	107	337
Refinery Olefins	--	--	19	--	--	--	65	--	--	-46	67
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	-2	--	--	--	0	--	--	-2	0
Normal Butylene	--	--	21	--	--	--	65	--	--	-44	67
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	431	--	61	642	-562	59	233	0	280	9,452
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	431	--	6	391	258	7	1,079	--	0	448
Hydrogen	--	--	--	--	--	176	--	176	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	431	--	6	391	82	7	903	--	0	448
Fuel Ethanol	--	431	--	--	336	81	-16	864	--	0	363
Renewable Fuels Except Fuel Ethanol	--	0	--	6	55	1	23	39	--	0	85
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-191	-89	0	280	3,567
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	55	251	-820	243	-757	--	0	5,437
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	251	-820	243	-757	--	0	5,437
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	19,018	167	-458	762	377	--	20	19,092	8,033
Finished Motor Gasoline	--	--	9,079	--	-407	739	-90	--	1	9,500	1,502
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,079	--	-407	739	-90	--	1	9,500	1,502
Finished Aviation Gasoline	--	--	5	--	--	--	1	--	--	4	9
Kerosene-Type Jet Fuel	--	--	837	28	664	--	-85	--	--	1,614	620
Kerosene	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	5,961	123	223	23	412	--	--	5,918	4,032
15 ppm sulfur and under	--	--	5,882	123	223	23	330	--	--	5,921	3,745
Greater than 15 ppm to 500 ppm sulfur	--	--	36	--	--	--	38	--	--	-2	210
Greater than 500 ppm sulfur	--	--	43	--	--	--	44	--	--	-1	77
Residual Fuel Oil ⁶	--	--	408	5	--	--	-27	--	9	431	246
Less than 0.31 percent sulfur	--	--	231	--	--	--	6	--	NA	NA	34
0.31 to 1.00 percent sulfur	--	--	28	--	--	--	-6	--	NA	NA	14
Greater than 1.00 percent sulfur	--	--	149	5	--	--	-27	--	NA	NA	198
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	6	-6	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	724	--	-309	--	-32	--	0	447	93
Marketable	--	--	528	--	-309	--	-32	--	0	251	93
Catalyst	--	--	196	--	--	--	--	--	--	196	--
Asphalt and Road Oil	--	--	1,295	10	-629	--	200	--	3	474	1,513
Still Gas	--	--	618	--	--	--	--	--	--	618	--
Miscellaneous Products	--	--	91	1	--	--	-2	--	--	94	17
Total	41,446	422	19,040	13,513	-29,809	-3,939	1,389	18,304	101	20,880	45,350

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See

Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.